

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete If Known

Application Number	10/087,81
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Filing Date	March 1, 2002
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First Named Inventor	Grube et al.
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Group Art Unit	2812
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Examiner Name	Not Known
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Attorney Docket No.	P177-US
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Sheet	1	of	1
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	4/19/04
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Modified Form PTO/SB/08A

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Sheet	1	of	2	Attorney Docket No.	P177-US

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
✓	1	3849728		Evans	11/19/1974	
✓	2	4480223		Aigo	10/30/1984	
✓	3	4567432		Buol et al.	1/28/1986	
✓	4	4837622		Whann et al.	6/6/1989	
✓	5	4899099		Mendenhall et al.	2/6/1990	
✓	6	4983907		Crowley	1/8/1991	
✓	7	4994735		Leedy	2/19/1991	
✓	8	5090118		Kwon et al.	2/25/1992	
✓	9	5103557		Leedy	4/14/1992	
✓	10	5148103		Pasiecznik, Jr.	9/15/1992	
✓	11	5162728		Huppenthal	11/10/1992	
✓	12	5177439		Liu et al.	1/5/1993	
✓	13	5185502		Shepherd et al.	2/9/1993	
✓	14	5191708		Kasukabe et al.	3/9/1993	
✓	15	5225777		Bross et al.	7/6/1993	
✓	16	5308443		Sugihara	5/3/1994	
✓	17	5399982		Driller et al.	3/21/1995	
✓	18	5513430		Yanof et al.	5/7/1996	
✓	19	5521518		Higgins	5/28/1996	
✓	20	5534784		Lum et al.	7/9/1996	
✓	21	5701666		DeHaven et al.	12/30/1997	
✓	22	5736850		Legal	4/7/1998	
✓	23	5806181		Khandros et al.	9/15/1998	
✓	24	5821763		Beaman et al.	10/13/1998	
✓	25	5828226		Higgins et al.	10/27/1998	

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Sheet	2	of	2	Attorney Docket No.	P177-US

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
[Handwritten marks]	26	5974662		Eldridge et al.	11/2/1999	
	27	6014032		Maddix et al.	1/11/2000	
	28	6043563		Eldridge et al.	3/28/2000	
	29	6050829		Eldridge et al.	4/18/2000	
	30	6133744		Yajima et al.	10/17/2000	
	31	6160412		Martel et al.	12/12/2000	
	32	6174744	B1	Watanabe et al.	1/16/2001	
	33	6184576	B1	Jones et al.	2/6/2001	
	34	6188231	B1	Palagonia	2/13/2001	
	35	6289583	B1	Belmont et al.	9/18/2001	

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Col. 2, 3rd plane

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
[Handwritten marks]	36	EP	802419	A2	Soejima et al.	10/11/1997		
	37	JP	05-029406		Nakao	2/5/1993		x
	38	JP	06-050990		Kazami	2/25/1994		x
	39	JP	08-015318		Suzuki et al.	1/19/1996		x
	40	WO	00/33096		Eldridge et al.	6/8/2000		
	41	WO	00/75677		Eslamy et al.	12/14/2000		
	42	WO	98/52224		Pedersen et al.	11/19/1998		

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
[Handwritten marks]	43	LEUNG et al., "Active Substrate Membrane Probe Card," Center For Integrated Systems Stanford University (Oct. 12, 1995)	

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